A. C. Lundahl	11 May 1959
	25X
Radar in Space	
Toolast are opered	
1. A recent breakthrough by scanning radar a maximum range of vehicle.	y Goodyear Aircraft now gives side f 200 miles on either side of its
antennas could be constructed whe after going into orbit. The sate scanning and a sector scan radar be made of mylar tubes as long as an inert gas. See Enclosure (1)	hat a satellite with inflatable ich would inflate its radar antennas ellite could carry both side The side scanner antennas could s desired and could be extended by . The sector scan antenna could be he side scanner antenna. See Enclosure
limited nor would the effects of This system lends itself to autor described in the memo dated 3 Max In addition, geom	ing images would be neither diurnally cloud cover decrease its capability. mation and registering changes as rch 1959, subject: Meeting with detic information as described by 25X1 from this system. It is therefore
	es of such a system be studied for
	25X1
Enclasures	

1 - Diagram of Side Scanner Antenna

2 - Diagram of Dish Antenna

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